



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/918,380
Filing Date	07/30/2001
First Named Inventor	Indra LAKSONO et al.
Art Unit	2613
Examiner Name	DIEP, Nhon Thanh
Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

Sheet 1 of 8

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
N.D.	AA	US- 5,027,203	08-25-1991	Samad, et al.	
M.D.	AB	US- 5,115,812	05-26-1992	Sano, et al.	
M.D.	AC	US- 5,475,434	12-12-1995	Kim	
M.D.	AD	US- 5,602,589	02-11-1997	Vishwanath, et al.	
M.D.	AE	US- 5,635,985	06-03-1997	Boyce, et al.	
M.D.	AF	US- 5,644,361	07-01-1997	Ran, et al.	
M.D.	AG	US- 5,652,749	07-29-1997	Davenport, et al.	
M.D.	AH	US- 5,732,391	03-24-1998	Fiocca	
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M.D.	AQ	US- 6,081,295	06-27-2000	Adolph, et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
N.D.	AT	EP 0861826 A2	07-05-1995	IBM		
N.D.	AU	EP 0739138 A2	10-23-1996	Kalmanek, et al.		
N.D.	AV	EP 0805599 A2	11-05-1997	Oki Electric Industry		
N.D.	AW	EP 0855805 A2	07-29-1998	Sharp KK		
N.D.	AX	EP 0896300 B1	02-10-1999	Matsushita Electric		
N.D.	AY	EP 0901285 A1	02-10-1999	Yamaquchi		

Examiner
Signature

N. DIEP

Date
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Sheet 12 of 8**Complete if Known**

Application Number	09/918,380
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Examiner Name	DIEP, Nhon Thanh
Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

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		Number-Kind Code ² (if known)			
M.D.	AZ	US- 6,167,084	12-26-2000	Wang, et al.	
M.D.	BA	US- 6,182,203	01-30-2001	Simar, Jr., et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
MP.	BS	EP 0955607 A2	11-10-1999	Sarnoff Corp.		
MP.	BT	EP 1032214 A2	08-30-2000	Matsushita Electric		
MP.	BU	WO 01/95633 A2	12-13-2001	Gen Instrument Group		
MP.	BV	WO 02/080518 A2	10-10-2002	Laksono		
MP.	BW	JP 07-210670 A	08-11-1995	Fuji Xerox Ltd.		
MP.	BX	EP 1087625 A2	03-28-2001	Sostawa et al.		

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Signature

N. DIEP

Date
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Sheet 3 of 8**Complete if Known**

Application Number	09/918,380
Filing Date	07/30/2001
First Named Inventor	Indra LAKSONO et al.
Art Unit	2613
Examiner Name	DIEP, Nhon Thanh
Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

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		Number-Kind Code ² (if known)			
<i>MD</i>	BY	US 6,438,168	08-20-2002	Arye	
<i>MD</i>	BZ	US 2001/0026591 A1	10-04-2001	Keren, et al.	
<i>MD</i>	CA	US 2002/110193 A1	08-15-2002	Kyoon, et al.	
<i>MD</i>	CB	US 2002/138259 A1	09-26-2002	Kawahara	
<i>MD</i>	CC	US 2002/196851 A1	12-26-2002	Arnaud	
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<i>MD</i>	CE	US 2003/0152148 A1	08-14-2003	Laksono	
<i>MD</i>	CF	US 4,866,395	09-12-1989	Hosteller	
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<i>MD</i>	CH	US 5,093,847	03-03-1992	Cheng	
<i>MD</i>	CI	US 5,253,056	10-12-1993	Puri	
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<i>MD</i>	CK	US 5,844,545	12-01-1992	Suzuki, et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature*N. DIEP*Date
Considered*1/20/06*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/918,380
		Filing Date	07/30/2001
		First Named Inventor	Indra LAKSONO et al.
		Art Unit	2613
		Examiner Name	DIEP, Nhon Thanh
Sheet 4	of 8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MD	CP	YU, Donghoom, et al., "Fast Motion Estimation for Shape Coding in MPEG-4," IEEE Transactions on Circuits and Systems for Video Technology, Vol. 13, No. 4, 2003 IEEE, April 2003, pp. 358-363	
MD	CQ	PYUN, Jae-Young, "QoS Provisioning for Video Streaming Over IEEE 802.11 Wireless LAN," (abridged) IEEE Conferences in Consumer Electronics, June 16, 2003, EE Times, Seoul, Korea, <http://eetimes.com/printableArticle?doc_id=OEG2003061S0070> retrieved July 8, 2003	
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Examiner Signature	N. DIEP	Date Considered	11/20/06
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		Examiner Name	DIEP, Nhon Thanh
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NON PATENT LITERATURE DOCUMENTS			
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MD	CZ	SHANABLEH, Tamer et al., "Heterogeneous Video Transcoding to Lower Spatio-Temporal Resolutions and Difference Encoding Formats," IEEE Transactions on Multimedia, Vol. 2, No. 2, June 2000, pp. 101-110, Engineering and Physical Sciences Research Council, Colchester, U.K.	
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MD.	DJ	FUKUNAGA, Shigeru et al., "MPEG-4 Video Verification Model Version 16.0" International Organization for Standardization: Coding of Moving Pictures and Audio, Vol. N3312, March 2000, pp. 1-380, XP000861688,	
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MD.	DR	PAINTER, Ted et al., "Perceptual Coding of Digital Audio," Proceedings of the IEEE, Vol. 88, No. 4, April 2000, pp. 451-513, XP001143231, ISSN: 0018-9219, Arizona State University, Tempe, AZ	
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known	
		Application Number	09/918,380
		Filing Date	07/30/2001
		First Named Inventor	Indra LAKSONO et al.
		Art Unit	2613
		Examiner Name	DIEP, Nhon Thanh
Sheet 7	of 8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
N.D.	DT	KAN, Kou-Sou et al., "Low-Complexity and Low-Delay Video Transcoding for Compressed MPEG-2 Bitstream," Natinal Central University, Chung-Li, Taiwan	
M.D.	DU	MITCHELL et al., "MPEG Video Compression Standard: 15.2 Encoder and Decoder Buffering," Chapman and Hall Digital Multimedia Standards Series, pp. 340-356, XP002115299, ISBN: 0-412-08771-5, Chapman and Hall, New York	
M.D.	DV	WHYBRAY, M.W. et al., "Video Coding - Techniques, Standards and Applications," BT Technol J. Vol. 14, No. 4, 4 October 1997, pp. 86-100, XP000722036	
M.D.	DW	"SHARP Product Information: VTST-Series NTSC/PAL Electronic Television Tuners," RF Components Group, Sharp Microelectronics of the America, 1997	
M.D.	DX	EDWARDS, Larry M., "Satisfying Your Need for Net Speed," San Diego Metropolitan, September 1999, <<www.sandiegometro.com/1999/sep/speed.html>>, retrieved on 07/19/2001	
M.D.	DY	OZ, Ran et al., "Unified Headend Technical Management of Digital Services," BigBend Networks, Inc.	
M.D.	DZ	MURIEL, Chris, "What is Digital Satellite Television?," What is Digital Television Rev. 3.0, April 21, 1999, SatCure, Sandbach, England, <<http://www.netcentral.co.uk/satcure/digifaq.htm>>, access on 04/20/2001	
M.D.	EA	"CONEXANT Products & Tech Info: Product Briefs: CX24108," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
M.D.	EB	"CONEXANT Products & Tech Info: Product Briefs: CX22702," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
M.D.	EC	"TDC: Components for Modems & Digital Infotainment: Direct Broadcast Satellite Chipset," 2001 Telecom Design Communications Ltd., U.K., <<http://www.tdc.co.uk/modmulti/settop/index.htm>>, access on 04/20/2001	

Examiner Signature	N. DIEP	Date Considered	1/20/06
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N.D.	ED	"White Paper: Super G: Maximizing Wireless Performance," March 2004, Atheros Communications, Inc., pp. 1-20, Document No. 991-00006-001, Sunnyvale, California	
MD	EE	KWOK, Y.K. et al., "Efficient Multiple Access Control Using a Channel-Adaptive Protocol for a Wireless ATM-Based Multimedia Services Network," March 29, 2000, Computer Communications 24(2001) 970-983, University of Hong Kong, Hong Kong, PRC	
MD	EF	LIANG, Ying-Chang et al., "Joint Downlink Beamforming, Power Control, and Data Rate Allocation for DS-CDMA Mobile Radio with Multimedia Services," 2000 IEEE, pp. 1455-1457, Ceneter for Wireless Communication, Singapore	
MD	EG	RAZAVI, Behzad, "Challenges in Portable RF Transceiver Design," September 1996, 1996 IEEE, pp. 12-25, Circuits & Devices	
MD	EH	MANNION, Patrick, "IceFyre Device Cools 802.11a Power Consumption," September 24, 2001, Planet Analog, National Semiconductor, << http://www.planetanalog.com/story/OEG20010924S0079 >>, access on 11/05/2001	
MD	EI	"ICE Fyre Semiconductor: IceFyre 5-GHz OFDM Modem Solution," September 2001, pp. 1-6, ICEFYRE: Rethink Wireless, IceFyre Semiconductor, Inc.	
MD	EJ	POZAR, David M., "Theory and Design of Ferimagnetic Components," 1990, pp. 529, Microwave Engineering, Addison-Wesley Publishing Company, Inc.	
MD	EK	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: High-Speed Physical Layer in the 5 GHz Band," 1999 IEEE, pp. 1-83, Supplement to IEEE Standard for Information Technology, IEEE Std 802.11a-1999, LAN/MAN Standards Committee	
NR	EL	CICIORA, Walter S., "Cable Television in the United States: An Overview," May 25, 1995, pp. 1-90, Cable Television Laboratories, Inc., Louisville, Colorado	

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